

## I CLAIM:

1           1. A railroad box car comprising:  
2           a truck-carrying railroad chassis;  
3           walls on the chassis forming a closable longitudinally  
4           extending space, the walls each being formed of an inner skin, an  
5           outer skin, and a mass of cellular plastic foam between the skins  
6           bonded at least to an outer face of the respective inner skin;  
7           and  
8           means for conditioning air in the space.

1           2. The railroad box car defined in claim 1 wherein the  
2           walls include  
3           a horizontal floor,  
4           a pair of upright and transverse end walls,  
5           a pair of upright and longitudinal side walls each  
6           formed by two slidable doors, and  
7           a horizontal roof.

1           3. The railroad box car defined in claim 2 wherein  
2           each outer wall is spaced from the respective inner wall.

1           4. The railroad box car defined in claim 2 wherein the  
2 doors are slidable longitudinally of the space.

1           5. The railroad box car defined in claim 4 wherein the  
2 doors have lower edges provided with rollers and the box car  
3 further comprises longitudinally extending tracks on which the  
4 rollers ride.

1           6. The railroad box car defined in claim 5 wherein the  
2 tracks are carried on the chassis below the floor.

1           7. The railroad box car defined in claim 6 wherein the  
2 doors extend downward past the floor.

1           8. The railroad box car defined in claim 4 wherein the  
2 doors have upper edges and the roof has tracks in which the upper  
3 edges slide.

1           9. The railroad box car defined in claim 8 wherein the  
2 door upper edges have inwardly angled extensions sliding on the  
3 tracks.

1                   10. The railroad box car defined in claim 4, further  
2 comprising  
3                   latch means for arresting the doors relative to the  
4 roof and floor.

1                   11. The railroad box car defined in claim 10 wherein  
2 the latch means seals with the roof.

1                   12. The railroad box car defined in claim 2 wherein  
2 the roof is formed by a longitudinally extending roof beam.

1                   13. The railroad box car defined in claim 12 wherein  
2 the roof beam is cambered.

1                   14. The railroad box car defined in claim 13 wherein  
2 the roof beam is shaped so as to urge the doors into closed  
3 positions.

1           15. The railroad box car defined in claim 12 wherein  
2 the roof beam is formed with air-flow passages connected to the  
3 conditioning means.

1           16. The railroad box car defined in claim 4 wherein  
2 the walls each comprise crosswise plastic struts holding the  
3 inner and outer skins apart.

1           17. The railroad box car defined in claim 4, further  
2 comprising  
      seals on the end walls, roof, and floor engaging edges  
of the doors in closed positions thereof.